SPARE PARTS MASTER

Operating Instructions

LASER JUKE

COMPACT disc DIGITAL AUDIO

COMPACT DISC JUKEBOX

CJ-V77
CJ-V99

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Thank you for buying this PIONEER product.
Please read through these operating instructions so you will know how to operate your model properly. After you have finished reading the instructions, put them away in a safe place for future reference. In some countries or regions, the shape of the power plug and power outlet may sometimes differ from that shown in the explanatory drawings. However, the method of connecting and operating the unit is the same.

IMPORTANT NOTICE
RECORD THE MODEL NUMBER AND SERIAL NUMBER OF THIS EQUIPMENT BELOW. THE NUMBERS ARE ON THE REAR PANEL.

MODEL NO. CJ-V77/CJ-V99

SERIAL NO. _____

KEEP THESE NUMBERS FOR FUTURE USE.

WARNING:
TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

[For Canadian models]
CAUTION:
TO PREVENT ELECTRIC SHOCK DO NOT USE THIS (POLARIZED) PLUG WITH AN EXTENSION CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PREVENT BLADE EXPOSURE.

ATTENTION:
POUR PREVENIR LES CHOCS ELECTRIQUES NE PAS UTILISER CETTE FICHE POLARISEE AVEC UN PROLONGATEUR UNE PRISE DE COURANT OU UNE AUTRE SORTIE DE COURANT, SAUF SI LES LAMES PEUVENT ETRE INSEREES A FOND SANS EN LAISSER AUCUNE PARTIE A DECOUVERT.

Make sure to bring back this Operating Instructions to the person in charge after use.

WARNING: This equipment has been certified to comply with the limits for a Class B computing device, pursuant to Subpart J of Part 15 of FCC rules. Only peripherals (Computer input/output device, Terminals, Printers, etc) or computers certified to comply with the class B limits may be attached to this equipment.
Operation with non-certified peripherals or computers in likely to result in interference to radio and TV reception.

CAUTION: Be sure to use the shielded cables when connect this equipment to other devices.

PIONEER®
The Art of Entertainment

IMPORTANT

The lightning flash with arrowhead, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

CAUTION:
TO PREVENT THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

SAFETY INSTRUCTIONS

READ INSTRUCTIONS — All the safety and operating instructions should be read before the appliance is operated.

RETAIN INSTRUCTIONS — The operating instrucions should be retained for future reference.

HEED WARNING — All warnings on the appliance and in the operating instructions should be adhered to.

FOLLOW INSTRUCTIONS — All operating and use instructions should be followed.

WATER AND MOISTURE — The appliance should not be used near water — for example, near a bathtub, washbowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, etc.

LOCATION — The appliance should be installed in a stable location.

WALL OR CEILING MOUNTING — The appliance should not be mounted to a wall or ceiling.

VENTILATION — The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings; or, placed in a built-in installation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.

HEAT — The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.

POWER SOURCES — The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.

POWER-CORD PROTECTION — Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.

POLARIZATION — If your purchased product is provided with a polarized power plug, please read the following instructions. This product is equipped with a polarized alternating current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way. This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug should still fail to fit, contact your electrician to replace your obsolete outlet. Do not defeat the safety purpose of the polarized plug.

CLEANING — The appliance should be cleaned only with a polishing cloth or a soft dry cloth. Never clean with furniture wax, benzine, insecticides or other volatile liquids since they may corrode the cabinet.

POWER LINES — An outdoor antenna should be located away from power lines.

NONUSE PERIODS — The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.

OBJECT AND LIQUID ENTRY — Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.

DAMAGE REQUIRING SERVICE — The appliance should be serviced by a Pioneer authorized service center or qualified service personnel when:

- The power-supply cord or the plug has been damaged; or
- Objects have fallen, or liquid has been spilled into the appliance; or
- The appliance has been exposed to rain; or
- The appliance does not appear to operate normally or exhibits a marked change in performance; or
- The appliance has been dropped; on the enclosure damaged.

SERVICING — The user should not attempt to service the appliance beyond that described in the operating instructions. For all other servicing, contact the nearest Pioneer authorized service center.

OUTDOOR ANTENNA GROUNDING — If an outside antenna is connected to the antenna terminal, be sure the antenna system is grounded so as to provide some protection against voltage surges and built up static charges.
In the U.S.A. section 810 of the National Electrical Code, ANSI/NFPA No. 70-1984, provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna discharge unit, connection to grounding electrodes, and requirements for the grounding electrode. See Fig. A.

CART — An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.

NEC — NATIONAL ELECTRIC CODE

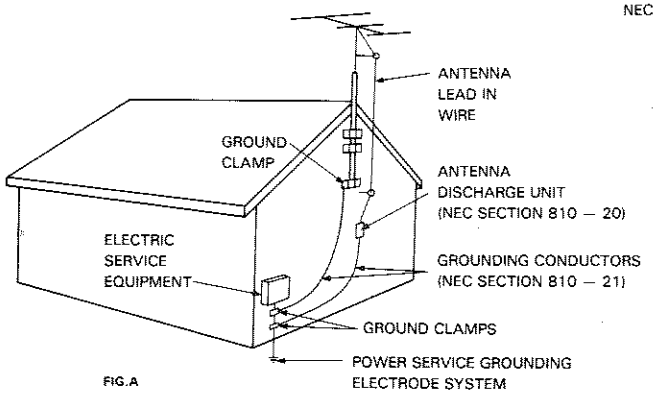


FIG.A

CAUTION

- Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.
- Use of optical instruments with this product will increase eye hazards.

[FOR Canadian model]

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

[Pour le modèle Canadien]

L'interférence, radioélectrique générée par cet appareil numérique de type B ne dépasse pas les limites énoncées dans le Réglement sur les perturbations radioélectriques, section appareil numérique, du Ministère des Communications.

POWER-CORD CAUTION

Handle the power cord by the plug. Do not pull out the plug by tugging the cord and never touch the power cord when your hands are wet as this could cause a short circuit or electric shock. Do not place the unit, a piece of furniture, etc., on the power cord, or pinch the cord. Never make a knot in the cord or tie it with other cords. The power cords should be routed such that they are not likely to be stepped on. A damaged power cord can cause fire or give you an electrical shock. Check the power cord once in a while. When you find it damaged, ask your nearest PIONEER authorized service center or your dealer for a replacement.

Dear Customer:

Selecting fine audio equipment such as the unit you've just purchased is only the start of your musical enjoyment. Now it's time to consider how you can maximize the fun and excitement your equipment offers. This manufacturer and the Electronic Industries Association's Consumer Electronics Group want you to get the most out of your equipment by playing it at a safe level. One that lets the sound come through loud and clear without annoying blaring or distortion—and, most importantly, without affecting your sensitive hearing.

Sound can be deceiving. Over time your hearing "comfort level" adapts to higher volumes of sound. So what sounds "normal" can actually be loud and harmful to your hearing. Guard against this by setting your equipment at a safe level BEFORE your hearing adapts.

To establish a safe level:

- Start your volume control at a low setting.
- Slowly increase the sound until you can hear it comfortably and clearly, and without distortion.

Once you have established a comfortable sound level:

- Set the dial and leave it there.

Taking a minute to do this now will help to prevent hearing damage or loss in the future. After all, we want you listening for a lifetime.

We Want You Listening For A Lifetime

Used wisely, your new sound equipment will provide a lifetime of fun and enjoyment. Since hearing damage from loud noise is often undetectable until it is too late, this manufacturer and the Electronic Industries Association's Consumer Electronics Group recommend you avoid prolonged exposure to excessive noise. This list of sound levels is included for your protection.

Decible Level	Example
30	Quiet library, soft whispers
40	Living room, refrigerator, bedroom away from traffic
50	Light traffic, normal conversation, quiet office
60	Air conditioner at 20 feet, sewing machine
70	Vacuum cleaner, hair dryer, noisy restaurant
80	Average city traffic, garbage disposals, alarm clock at two feet.

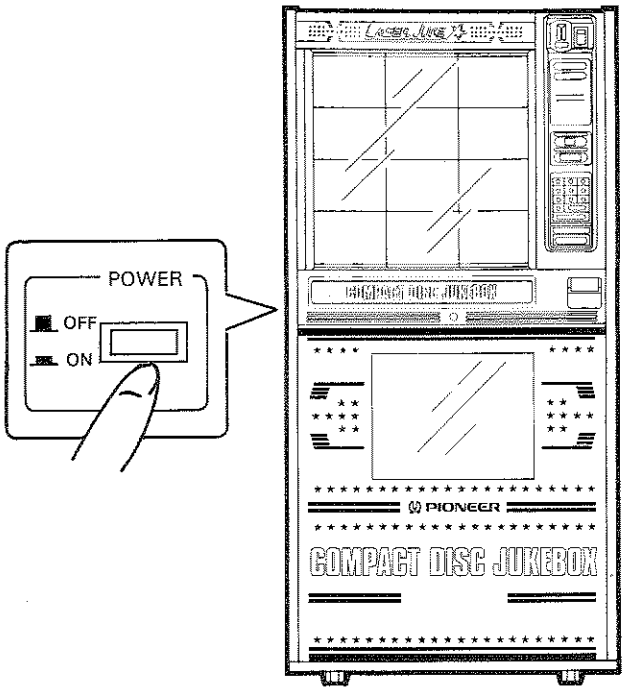
THE FOLLOWING NOISES CAN BE DANGEROUS UNDER CONSTANT EXPOSURE

90	Subway, motorcycle, truck traffic, lawn mower
100	Garbage truck, chain saw, pneumatic drill
120	Rock band concert in front of speakers, thunderclap
140	Gunshot blast, jet plane
180	Rocket launching pad

Information courtesy of the Deafness Research Foundation.

SWITCHING THE POWER ON

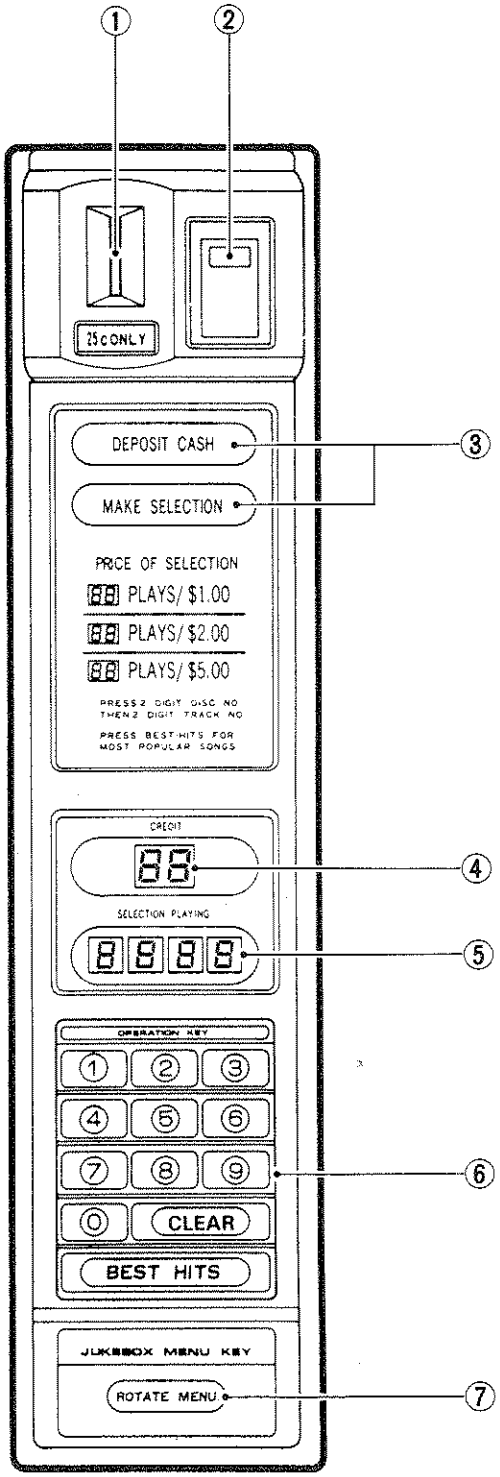
Switch the power ON by pressing the POWER switch on the rear panel. Pressing the switch again will turn the power OFF.



CONDENSATION

If this CD jukebox is carried into a heated room from outside during the winter, or if the temperature of the room where the CD jukebox is located is rapidly increased by a heater, etc., the lens or the operation section becomes covered with dew.
When this occurs, signal read out playback cannot be performed by the laser beam.
Depending on the degree of dew condensation, leave it for 1-2 hours at room temperature to eliminate dew condensation and allow playback to be performed.
Also, increase the room temperature gradually during winter so that dew condensation does not occur, then turn the power on.
Dew condensation sometimes occurs during summer when air from an air conditioner hits this CD jukebox. If this occurs, change the installation location.

NAMES AND FACILITIES



[OPERATION PANEL]

① Coin insertion hole

CAUTION:
Inserted coins will not be returned even though the coin-return lever is operated. Insert only the amount of coins needed.

② Coin-return lever

Operate the coin-return lever when a deformed or steel imitation coin is caught. This will cause the coin to return via the coin-return hole.

③ Operation guide display

- **DEPOSIT CASH.**
  When this indication is lit, you can insert cash.
- **MAKE SELECTION.**
  This indication is lit when the system is ready for music selection.

④ CREDIT indicator

This indication shows the number of music titles you can select using the inserted cash.
"FP" is displayed during free play.

⑤ SELECTION PLAYING indicator

This indication shows the selection number by using numeric keys.
When no key input is being done, this indication shows the number of the music title currently being played.
"OPEN" is displayed while the menu door is open.

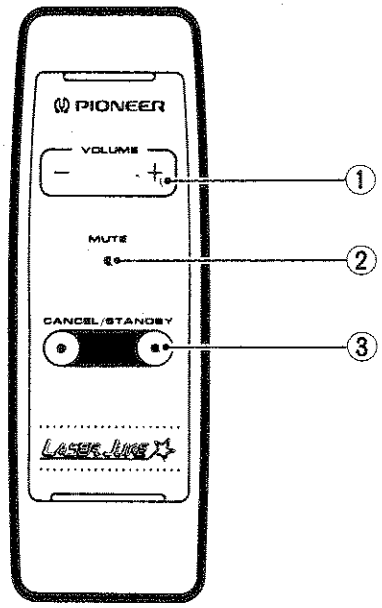
⑥ OPERATION key

- **Numeric keys**
  Use these keys to enter the disc number and track number to be played.
- **CLEAR key**
  The selection can be canceled by pressing the CLEAR key while the digits are flushing after entering the last digit.
- **BEST HITS key**
  The most-popular piece of music on the location is automatically selected.

⑦ ROTATE MENU key

To rotate the menu board.
A maximum of 3 menu boards can be displayed.

[REMOTE CONTROL UNIT]



① VOLUME keys

⊕: Increases the volume level.
⊖: Decreases the volume level.

② MUTE key

To temporarily decrease the sound volume level. Press the key again to resume normal sound volume level.

NOTE:

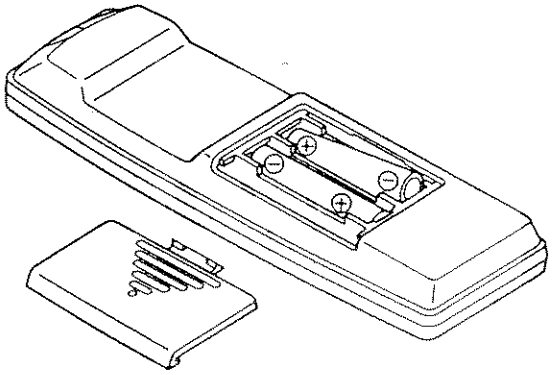
- *When activating the MUTE function with the remote control unit, VOLUME (up, down) cannot be used.*
  After the MUTE function is released, the VOLUME keys can be operated.
  The light-receiving indicator on the CD jukebox lights during the MUTE mode.

③ CANCEL/STANDBY keys

When the two keys are pressed simultaneously, the song stops and the system returns to the STANDBY mode. The SELECTION PLAYING indicator displays "PLAYING STANDBY." Pressing the keys again will cancel the STANDBY mode and the system starts selecting songs.

How to load batteries

1. Open the rear cover.
2. Install "AAA" type batteries (IEC R03), correctly matching polarity.
3. Close the cover.



Incorrect use of batteries may lead to leakage or rupture. Always be sure to follow these guidelines:

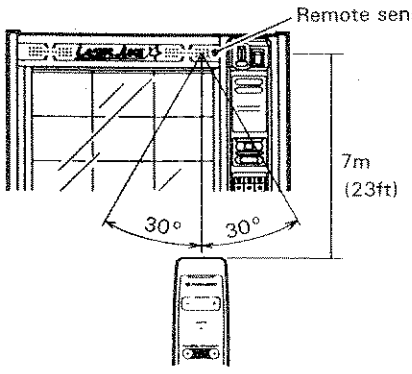
A:
Always insert batteries into the battery compartment, correctly matching the positive ⊕ and negative ⊖ polarities, as indicated inside the compartment.

B:
Never mix new and used batteries.

C:
Batteries of the same size may have different voltages, depending on their type. Do not mix different types of batteries.

Range of remote control

Distance: Within a range of approx. 7 meters (23 feet) from the remote sensor window on the CD jukebox.
Angle: Within approx. 30 degrees from the center of the remote sensor window on the CD jukebox.



Remote control will not be possible if there is an obstacle between the remote control unit itself and the remote sensor window on the CD jukebox.

Performance of the remote control unit is adversely affected in the presence of strong fluorescent light. Keep such lights away, especially from the sensor window.

Battery Replacement

As battery power runs down, the range over which the remote control unit can operate decreases. When the range becomes too short, change the batteries.

OPERATION

HOW TO SELECT A SONG

[Ordinary selection]

1. **Rotate the menu by pressing the ROTATE MENU key, and select the desired song.**

2. **Insert bills or coins.**

3. **Select a song.**
   - Type in a two-digit disc number and a track number.
   - To play an album, type in a two-digit disc number and "00".
   - The selection can be canceled by pressing the CLEAR key while the digits are flushing after entering the last digit.
   - A beep sound occurs when confirming the input. Keys which are not available for input are not lit. If the not-lit key is depressed, a beep sound occurs twice.

[One-touch selection]

1. **Insert bills or coins.**

2. **Press BEST HITS key for the most popular songs.**

NOTE:
The BEST HITS key does not function if less than 10 different songs have been selected. In such a case, the key indicator does not light.

Playback sequence

- Playback is made by arranging the reserved selection in a certain order.
- Multiple selections are played only once.

Volume adjustment and song cancellation by the remote control unit

Volume can be adjusted by the supplied remote control unit.
The volume increases when the "+" side is pressed, and decreases when "−" side is pressed.
To cancel the song being played, press both ends of the CANCEL/STANDBY key at the same time.
If songs is reserved, the song will be played by pressing these keys simultaneously again.

OPERATING MICROPHONE PAGING FUNCTION

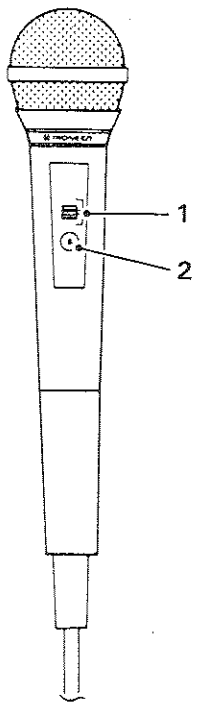
Microphone paging is a function for calling a person by using the microphone. Confirm that the Pioneer's DM-V151 microphone is connected.

1. **Turn on the TALK switch of the microphone.**

2. **Press the ONCE MORE button of the microphone while the jukebox is in the playback or stop mode.**
   - During playback, the sound volume will decrease.
   - Sound will be output from the microphone.

3. **Pressing the ONCE MORE button again will resume the sound volume.**
   - Sound will not be output from the microphone.

To use the microphone while the jukebox is playing:
Press the MUTE key of the remote control unit after step 2. Sound from the jukebox will resume and sound is output from the microphone. It is useful for karaoke (sing-along) performance.



SPECIFICATIONS

Amplifier Section

Continuously Average Power Output is 100 Watts* plus 30 Watts* per channel, min., at 8 ohms from 20 Hertz to 20,000 Hertz, with no more than 0.5 % total harmonic distortion.

* Measured pursuant to the Federal Trade Commission's Trade Regulation rules on Power Output Claims for Amplifier.

Frequency Response ····· 20 Hz to 20 kHz ±1.5 dB
Tone Control
Bass (100 Hz) ····· Max. +10 dB, Min. −10 dB
Treble (10 kHz) ····· Max. +10 dB, Min. −10 dB

CD changer section

Signal-to-Noise ratio ····· 94 dB or more
Dynamic Range ····· 85 dB or more
Wow and Flutter ····· ±0.001 % or less
Frequency Response ····· 4 Hz to 20 kHz ±1.5 dB
Total Harmonic Distortion ····· 0.1 % or less
Output Voltage ····· 1.8 V
Number of channels ····· 2 channels (stereo)
Dimensions ····· 239 (W) x 463 (D) x 215 (H) mm
9-7/16 (W) x 18-1/4 (D) x 8-7/16 (H) in
Weight ····· 9 kg (19 lb 14 oz)
Power Requirements ····· AC120 V, 60 Hz
Power Consumption ····· 25 W

Speaker Section

Enclosure ····· Bass-reflex type
Loudspeakers:
Woofer ····· 25 cm (10 in) x 2
Mid range ····· 10 cm (4 in) x 2
Tweeter ····· 6.6 cm (2-1/2 in)x 2
Expansion speaker ····· 10 cm (4 in) x 2
Nominal Impedance ····· 8 Ω
Frequency Range ····· 30 Hz to 20 kHz
Sensitivity ····· 90 dB/W·m
Maximum Power ····· 100 W

Miscellaneous

Power Requirements ····· AC120 V, 60 Hz
Power Consumption ····· 460 W
Dimensions ····· 797 (W) x 618 (D) x 1640 (H) mm
31-3/8 (W) x 24-5/16 (D) x 64-9/16 (H) in
Weight
CJ-V77 ····· 145 kg (319 lb 12 oz)
CJ-V99 ····· 158 kg (348 lb 6 oz)
Operating temperature ····· +5°C to +35°C
(+41°F to +95°F)
Operating humidity ····· 5 % to 85 %

It is advisable to note the following:	
OPERATOR	Name:
	TEL:

Audio Terminal

LINE IN ····· RCA pin-jack
MIC IN ····· to DM-V151 (optional)
LINE OUT ····· RCA pin-jack
EXT SP terminal ··· 2~4 Ω (or) 4~16 Ω (Direct out) or High Power: more 50 Ω, Low Power: more 167 Ω

Others (CJ-V77)

Number of CD discs ··· 54 CD discs (18 discs with standard plus additional 36 with option)
Number of CD players ····· One CD player (additional two CD players with option)
Acceptance of $1 and $5 bills (optional)
Acceptance of 25 cents coins (optional)
Remote control unit ····· Volume up/down, cancellation

Others (CJ-V99)

Number of CD discs ··· 54 CD discs (36 discs with standard plus additional 18 with option)
Number of CD players ····· Two CD player (additional one CD player with option)
Acceptance of $1 and $5 bills
Acceptance of 25 cents coins
Remote control unit ····· Volume up/down, cancellation

NOTE:
Specifications and design subject to possible modification without notice, due to improvements.

The Magazine Type Multi-Play CD Players with mark and the Magazines with the same mark are compatible for 5-inch (12cm) discs.

Published by Pioneer Electronic Corporation.
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<91K05DY0D01>

Printed in Japan <DRB1064-A>